HUNTERS POINT SHIPYARD
TIME-CRITICAL LANDFILL GAS REMOVAL ACTION

EXTRACTION, MONITORING AND MAINTENANCE
WEEKLY SUMMARY REPORT

Monitoring Period: October 12 through October 18, 2002

- Continued to actively extract gas and to conduct monitoring daily at extraction well EX2. Stopped extraction on 10/14/02 at 13:00 because methane concentration was 0.8% (below 2.5% intermediate goal) and extraction had occurred for greater than 5 days. See attached monitoring graph.

- Continued to actively extract gas and to conduct monitoring daily at extraction well EX3. Stopped extraction on 10/16/02 at 13:40 because methane concentration was 0.1% (below 2.5% intermediate goal) and extraction had occurred for greater than 5 days. See attached monitoring graph.

- Began extraction unit #1 on extraction well EX5 on 10/15/02 at 09:33. Initial methane concentration was 19.8%. Collected summa canister samples at the influent and effluent for laboratory analysis by EPA method TO-14A. Will continue to actively extract gas and to conduct monitoring daily until Monday, October 21st and then will assess methane concentrations. See attached monitoring graph.

- Began extraction unit #2 on extraction well EX4 on 10/17/02 at 09:20. Initial methane concentration was 22.4%. Collected summa canister samples at the influent and effluent for laboratory analysis by EPA method TO-14A. Will continue to actively extract gas and to conduct monitoring daily until Tuesday, October 2nd and then will assess methane concentrations. See attached monitoring graph.

- Conducted weekly monitoring of all extraction wells not included in the daily monitoring program.

- Checked extraction unit connections, valves, and piping using field instruments for fugitive emissions as part of the maintenance requirements. No readings were recorded for methane or volatiles.

- Daily monitored for breakthrough of volatiles compounds at the effluent sample ports on the carbon drums and hydrosil drum. No breakthrough has occurred.

- Conducted assessment of active system radius influence based upon monitoring results at locations (wells and GMPs) within 200 foot radius from each active location. Based upon results, initial radius of influence appears to be approximately 120 feet. Note – extraction wells EX1 through EX4 were located in unpaved areas. A larger radius of influence should be observed for wells located in paved/covered areas. The design value that was assumed for the radius of influence was 60 feet.